Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the present application:

In the Claims:

- 1. (original) A composite comprising:
 - a fiber having a lumen with voids;
 - a suspension drawn into the lumen to beneficiate the fiber, and
 - a polymeric material imbedded with the fiber;

whereby the natural voids of the lumen are preserved by the suspension causing the fiber to maintain natural density and strength characteristics.

- 2. (original) The composite of claim 1 wherein the suspension includes a chemical blowing agent.
- 3. (original) The composite of claim 2 wherein the chemical blowing agent is exothermic.
- 4. (original) The composite of claim 3 wherein the chemical blowing agent is azodicarbonamide.
- 5. (original) The composite of claim 3 wherein the chemical blowing agent is a hydrazine derivative.
 - 6. (original) The composite of claim 1 wherein the suspension includes a carrier.
- 7. (original) The composite of claim 6 wherein the carrier is a film-forming thermoplastic selected from the group of acrylics, epoxies, phenolics, melamines and vinyls.
- 8. (original) The composite of claim 6 wherein the carrier is a film-forming thermosetting polymer.
 - (original) The composite of claim 1 wherein the suspension includes a catalyst.

- 10. (original) The composite of claim 9 wherein the catalyst is selected from the group of calcium carbonate, and compounds of cadmium, zinc, barium, calcium, strontium, magnesium, lead, tin or silicon.
- 11. (original) The composite of claim 1 wherein approximately 1-10 parts of the suspension are mixed with approximately 100 parts of the fiber.
 - 12. (original) The composite of claim I wherein the fiber is a bast fiber.
 - 13. (original) The composite of claim 12 wherein the fiber is flax.
 - 14. (original) The composite of claim 12 wherein the fiber is hemp.
 - 15. (original) The composite of claim 12 wherein the fiber is jute.
 - 16. (original) The composite of claim 12 wherein the fiber is coir.
 - 17. (original) The composite of claim 12 wherein the fiber is kenaf.
 - 18. (original) The composite of claim 12 wherein the fiber is ramie.
 - 19. (original) The composite of claim 1 wherein the fiber is a wood fiber.
 - 20. (original) The composite of claim 1 wherein the fiber is a wheat fiber.
 - 21. (original) The composite of claim 1 wherein the fiber is a straw fiber.
- 22. (currently amended) The composite of claim 1 wherein the fiber is a lingo ligno-cellulosic fiber.
- 23. (original) The composite of claim 1 comprising approximately 25% to 99% of the polymeric material.
- 24. (original) The composite of claim 23 wherein the polymeric material is a polyvinyl chloride foam.
- 25. (original) The composite of claim 23 wherein the polymeric material is a polyolefin.

- 26. (original) The composite of claim 25 wherein the polymeric material is polyethylene.
- 27. (currently amended) The composite of claim [[23]] 25 wherein the polymeric material is polypropylene.
- 28. (original) The composite of claim 23 wherein the polymeric material is a cellulosic.
 - 29. (original) The composite of claim 23 wherein the polymeric material is a vinyl.
- 30. (original) The composite of claim 23 wherein the polymeric material is an acrylic.
- 31. (original) The composite of claim 23 wherein the polymeric material is a urethane.
- 32. (original) The composite of claim 23 wherein the polymeric material is a styrenic.
- 33. (original) The composite of claim 1 further comprising at least one additive that is adsorbed onto a surface of the fiber.
- 34. (original) The composite of claim 33 wherein the least one additive that is a coloring agent.
- 35. (original) The composite of claim 33 wherein the least one additive that is a stabilizer.
- 36. (original) The composite of claim 33 wherein the least one additive that is an antioxidant.
- 37. (original) The composite of claim 33 wherein the least one additive that is a filler.

- 38. (original) The composite of claim 33 wherein the least one additive that is an extender.
- 39. (original) The composite of claim 33 wherein the least one additive that is a wetting agent.
- 40. (original) The composite of claim 33 wherein the least one additive that is a bonding agent.
- 41. (original) The composite of claim 33 wherein the least one additive that is an impact modifier.
- 42. (original) The composite of claim 1 wherein the composite is formed into a composite structural member.
- 43. (original) The composite of claim 42 wherein the composite structural member is a decking board.
- 44. (original) The composite of claim 42 wherein the composite structural member is an exterior trim profile.
- 45. (original) The composite of claim 42 wherein the composite structural member is a railing.
- 46. (original) The composite of claim 42 wherein the composite structural member is a gazebo component.
- 47. (original) The composite of claim 42 wherein the composite structural member is a cladding member.
- 48. (original) The composite of claim 42 wherein the composite structural member is a molding.
- 49. (currently amended) The composite of claim 42 wherein the composite structural member is a door jam jamb.

- 50. (original) The composite of claim 42 wherein the composite structural member is a siding member.
- 51. (original) The composite of claim 42 wherein the composite structural member is a window profile.
- 52. (original) The composite of claim 42 wherein the composite structural member is formed by extruding the composite.
- 53. (currently amended) The composite of claim 52 wherein the composite structural member is further formed [[be]] by thermoforming.
- 54. (original) The composite of claim 42 wherein the composite structural member is formed by injection molding.
- 55. (original) A method for making a beneficiated fiber comprising:

 mixing a suspension with a fiber to form a homogeneous mixture;

 drawing the suspension into a lumen of the fiber by a capillary action to
 beneficiate the fiber; and

cooling the beneficiated fiber.

- 56. (original) The method of claim 55 further comprising fluffing the beneficiated fiber.
 - 57. (original) The method of claim 55 wherein the fiber is a bast fiber.
- 58. (original) The method of claim 55 wherein the suspension includes a carrier, a chemical blowing agent and a catalyst.
- 59. (original) The method of claim 58 wherein approximately 1-10 parts of the suspension are mixed with approximately 100 parts of the fiber.

- 60. (original) The method of claim 55 further comprising adsorbing an additive selected from the group of coloring agents, stabilizers, antioxidants, fillers, extenders, wetting agents, bonding agents and impact modifiers onto a surface of the fiber.
- 61. (original) The method of claim 60 wherein the additives are adsorbed onto the surface of the fiber by mixing at a temperature of approximately 350-500 degrees Fahrenheit.
- 62. (original) The method of claim 55 wherein the suspension in drawn into the lumen of the fiber by a continuous kneader/mixer
- 63. (original) The method of claim 62 wherein the kneader/mixer is at a temperature of approximately 200-350 degrees Fahrenheit.
- 64. (original) The method of claim 55 further comprising mixing the beneficiated fiber with a melted polymeric material forming a composite.
- 65. (original) The method of claim 64 further comprising extruding the beneficiated fiber and the polymeric material to form a composite structural member.
- 66. (original) The method of claim 65 further comprising extruding the beneficiated fiber into a sheet.
 - 67. (original) The method of claim 66 further comprising thermoforming the sheet.
- 68. (original) The method of claim 64 further comprising the step of injection molding the beneficiated fiber and polymeric material to form a composite structural member.
 - 69. (original) A beneficiated fiber comprising:
 - a fiber having a lumen with voids; and
 - a suspension drawn into the lumen to beneficiate the fiber;
- whereby the natural voids of the lumen are preserved by the suspension causing the fiber to maintain natural density and strength characteristics.

- 70. (original) The beneficiated fiber of claim 69 wherein the suspension includes a chemical blowing agent, a carrier, and a catalyst.
- 71. (original) The beneficiated fiber of claim 70 wherein approximately 1-10 parts of the suspension are mixed with approximately 100 parts of the fiber.
- 72. (original) The beneficiated fiber of claim 70 wherein the chemical blowing agent is exothermic.
- 73. (original) The beneficiated fiber of claim 71 wherein the chemical blowing agent is azodicarbonamide.
- 74. (original) The beneficiated fiber of claim 71 wherein the chemical blowing agent is a hydrazine derivative.
- 75. (original) The beneficiated fiber of claim 70 wherein the carrier is a film-forming thermoplastic selected from the group of acrylics, epoxies, phenolics, melamines and vinyls.
- 76. (original) The beneficiated fiber of claim 70 wherein the carrier is a film-forming thermosetting polymer.
- 77. (original) The beneficiated fiber of claim 70 wherein the catalyst is selected from the group of calcium carbonate, and compounds of cadmium, zinc, barium, calcium, strontium, magnesium, lead, tin or silicon.
 - 78. (original) The beneficiated fiber of claim 69 wherein the fiber is a bast fiber.
 - 79. (original) The beneficiated fiber of claim 78 wherein the fiber is flax.
 - 80. (original) The beneficiated fiber of claim 78 wherein the fiber is hemp.
 - 81. (original) The beneficiated fiber of claim 78 wherein the fiber is jute.
 - 82. (original) The beneficiated fiber of claim 78 wherein the fiber is coir.
 - 83. (original) The beneficiated fiber of claim 78 wherein the fiber is kenaf.
 - 84. (original) The beneficiated fiber of claim 78 wherein the fiber is ramie.

- 85. (original) The beneficiated fiber of claim 69 wherein the fiber is a wood fiber.
- 86. (original) The beneficiated fiber of claim 69 wherein the fiber is a wheat fiber.
- 87. (original) The beneficiated fiber of claim 69 wherein the fiber is a straw fiber.
- 88. (currently amended) The beneficiated fiber of claim 69 wherein the fiber is a lingo ligno-cellulosic fiber.
- 89. (original) The beneficiated fiber of claim 69 further comprising at least one additive that is adsorbed onto a surface of the fiber.
- 90. (original) The beneficiated fiber of claim 89 wherein the least one additive that is a coloring agent.
- 91. (original) The beneficiated fiber of claim 89 wherein the least one additive that is a stabilizer.
- 92. (original) The beneficiated fiber of claim 89 wherein the least one additive that is an antioxidant.
- 93. (original) The beneficiated fiber of claim 89 wherein the least one additive that is a filler.
- 94. (original) The beneficiated fiber of claim 89 wherein the least one additive that is an extender.
- 95. (original) The beneficiated fiber of claim 89 wherein the least one additive that is a wetting agent.
- 96. (original) The beneficiated fiber of claim 89 wherein the least one additive that is a bonding agent.
- 97. (original) The beneficiated fiber of claim 89 wherein the least one additive that is an impact modifier.

- 98. (original) The beneficiated fiber of claim 89 wherein the additive is adsorbed onto the surface of the fiber by mixing.
- 99. (original) The beneficiated fiber of claim 90 wherein the additive is adsorbed onto the surface of the fiber by mixing at a temperature of approximately 350-500 degrees Fahrenheit.
- 100. (original) The beneficiated fiber of claim 69 wherein the fiber is beneficiated at a temperature of approximately 200-350 degrees Fahrenheit.